

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\  
 Data File : VV017244.D  
 Acq On : 29 Jun 2020 17:11  
 Operator : SY/MD  
 Sample : L3135-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9Q69

Quant Time: Jun 30 08:46:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 30 07:40:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 341205   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 319634   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 153225   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 81536    | 33.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 67.74% |
| 7) Chloroethane-d5             | 1.58    | 69    | 62899    | 43.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.08% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 135233   | 33.45    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.90% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 152580   | 85.62    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 85.62% |
| 24) Chloroform-d               | 4.38    | 84    | 214066   | 43.73    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.46% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 158389   | 47.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.14% |
| 32) Benzene-d6                 | 5.08    | 84    | 395293   | 42.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.80% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 120927   | 42.10    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.20% |
| 41) Toluene-d8                 | 7.34    | 98    | 361795   | 42.79    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.58% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 64000    | 42.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 85.56% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 98887    | 78.97    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 78.97% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 166128   | 43.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.38% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 155085   | 47.43    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.86% |

| Target Compounds           |      |    |       |             | Ovalue |
|----------------------------|------|----|-------|-------------|--------|
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 17001 | 6.754 ug/L  | 99     |
| 34) Trichloroethene        | 5.94 | 95 | 61649 | 24.306 ug/L | 98     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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